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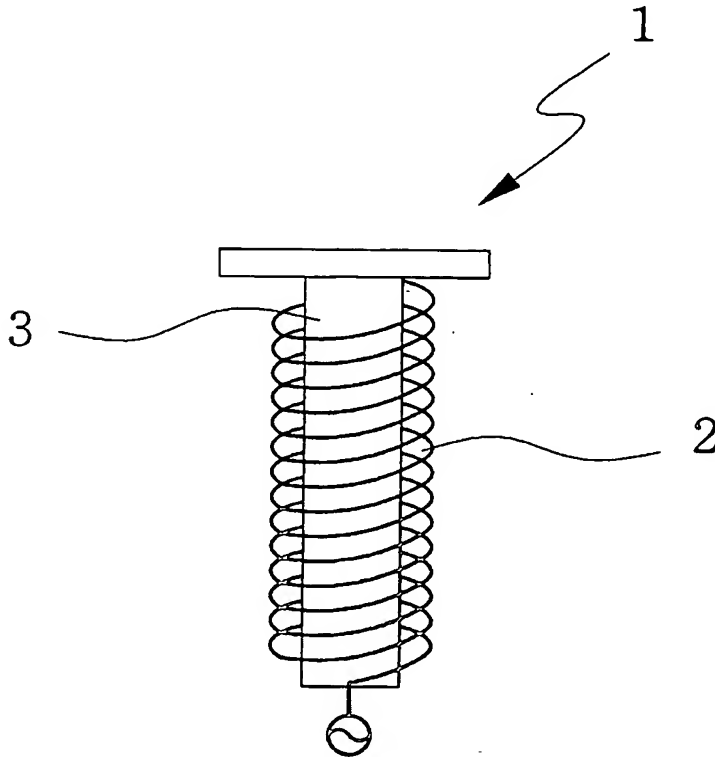
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(54) Title: DUAL BAND ANTENNA



(57) Abstract: The present invention relates generally to a dual band antenna, and more particularly to a dual band antenna, in which a hollow or solid parasitic element is disposed inside an antenna formed by winding a wire material several times or bending a strip material several times to have a predetermined shape. The dual band antenna of the present invention can be easily manufactured, and can improve the efficiency thereof and meet a desired bandwidth by overcoming the problem of connecting dielectric materials to helical parts of different pitches to fix the dielectric materials in the prior art, improving the variation of performance resulting from manufacturing variation and designing the dual band antenna to have a maximal size with respect to the shape thereof, thus immediately meeting the movement of a central frequency caused by the various environments of the antenna.



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